



Overhead Crane Engineering Services

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- **New Crane Design**
 - **Increase Crane Rated Capacity**
 - **Preliminary Engineering for Your Quotations**
 - **Crane Inspections by Licensed Engineers**
 - **Engineered Repairs for Structure Damage**
 - **Engineered Modifications & Modernizations**
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We Handle Crane Engineering Tasks for All Brands . . . Turnkey

The **IMS** Engineering Services Group has an experienced staff of Registered Professional Engineers exclusively focused on overhead crane users and manufacturers.

Here is How We Help You

IMS Engineering Services are available at your plant around the clock. We provide immediate response to crane emergencies, anywhere in the U.S. We take responsible charge of field technical operations to assure proper quality for engineered repairs.

Also depend on us for:

- Engineered Lifts
- Load testing
- Duty Cycle Studies
- Automation
- Accident & Failure Investigations

Overhead Crane Engineering Experts At Your Service

We are hands-on crane engineers, with many years of diverse field and office engineering experience. For mechanical, structural, or electrical matters, our well-rounded staff is actively engaged in capacity up rates, engineered repairs, modifications, modernizations, and inspections in all major industries:

- Primary Metals
- Cement, Refuse, Bulk Materials
- Heavy Manufacturing
- Lumber
- Power Utilities
- Petrochemical
- Government
- Automotive
- Special Industrial Applications

Our turnkey services include field consultation, inspections, surveys, calculations, feasibility studies, reports, design drawings, reverse engineering, fabrication & machining, field supervision.

What Types of Lifting Equipment Do you Depend On?

We work closely with plant personnel at all levels to diagnose and solve existing problems. We also help you plan for future production and maintenance requirements. You can be sure that our engineers already have experience with your specific industry and lifting application, including:

- Bridge Cranes; All Brands
- Gantry and Portal Cranes
- Bucket, Grapple, Magnet, Hot Metal Cranes
- Automation Systems
- Stackers Cranes
- Jib Cranes
- Monorail Systems
- Transfer Cars
- Special Lifting Devices



For over 80 combined years, we have provided heavy industrial crane users with quality service.

Resolve Crane Tracking Problems

- Diagnoses and solutions for tracking problems, abnormal rail and wheel wear, fatigue cracks, bearing failures.
- Runway surveys and alignment analysis.
- Precise measurement and alignment of bridge wheel assemblies.

Additional Engineering Services

IMS offers the complete spectrum of engineering services for cranes and runways. With total design, fabricate, and install capability, we provide cost estimates and contracting services for repairs, modifications, and steel erection. We also provide valuable assistance with:

- Safety inspections and evaluations for compliance with current industrial safety codes and engineering standards.
- Studies and analyses to reduce maintenance costs and maximize usable crane life.
- Feasibility studies and planning for implementation of automation systems.
- Fatigue life studies to estimate remaining useful crane life.

For more information on how IMS can provide single-source solutions for your material handling problems:

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**INTEGRATED
MACHINERY SOLUTIONS**

Depend on us for solutions to your most difficult problems.